MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL, 1934

J. A. BROWN, DIRECTOR

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APRIL 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.6	52.7	46.2	51.5	23.4	15.1	20.7	19.6	23.3	21.2
2	4.8	5.9	57.2	6.0	26.9	15.6	19.3	21.5	17.2	19.3
3	8.1	8.1	8.2	8.2	20.8	14.9	18.3	20.2	15.5	18.0
4	6.5	4.4	4.3	5.1	21.8	13.0	18.3	20.3	16.3	18.3
5	2.8	4.6	6.6	4.7	22.6	15.8	19.4	21.6	17.0	19.3
6	58.4	60.2	61.7	60.1	18.9	14.6	17.5	18.0	15.7	17.1
7	62.0	1.3	0.1	1.1	21.4	13.2	17.5	20.7	15.4	17.9
8	1.3	2.1	3.5	2.2	21.6	15.1	18.9	20.3	15.6	18.3
9	4.6	3.7	3.6	4.0	22.0	13.8	18.6	21.1	16.8	18.8
10	1.8	0.2	59.5	0.5	23.6	13.8	18.5	21.8	17.8	19.4
11	59.4	57.1	59.7	58.7	23.8	15.8	20.6	22.9	18.1	20.5
12	60.3	60.6	61.1	60.7	22.6	15.0	18.8	21.9	16.7	19.1
13	1.0	0.9	1.5	1.1	22.3	15.2	18.2	21.3	16.3	18.6
14	1.4	0.7	0.5	0.9	23.4	15.1	19.9	22.1	18.3	20.1
15	1.0	59.7	59.3	0.0	24.4	17.2	20.4	23.4	18.4	20.7
16	59.2	58.0	58.1	58.4	22.8	15.8	19.6	22.2	16.9	19.6
17	6.8	5.3	6.1	6.1	23.2	15.1	18.2	22.6	17.2	19.3
18	7.3	6.5	8.4	7.4	23.2	15.2	20.3	20.7	14.6	18.5
19	8.8	8.5	9.4	8.9	22.6	12.9	18.3	21.9	18.0	19.4
20	8.2	9.3	60.7	9.4	21.7	15.6	20.3	21.2	15.7	19.1
21	60.6	60.1	1.2	60.6	23.8	14.5	20.1	23.0	16.5	19.9
22	2.1	2.0	2.5	2.2	23.3	14.1	19.9	22.7	16.9	19.8
23	2.4	2.0	2.3	2.2	23.4	14.8	19.5	22.4	17.5	19.8
24	1.7	1.3	1.1	1.4	25.7	16.7	22.0	23.7	19.6	21.8
25	1.2	59.4	58.0	59.5	25.7	18.2	23.4	23.7	19.4	22.2
26	59.0	58.4	58.6	58.7	26.2	18.1	24.1	25.7	20.9	23.6
27	7.8	7.2	7.6	7.5	26.4	18.8	22.2	25.3	19.1	22.2
28	8.0	8.1	8.6	8.2	25.0	16.1	22.1	23.1	20.6	21.9
29	9.9	9.1	8.8	9.3	24.8	17.2	21.0	23.8	19.2	21.3
30	8.5	7.5	7.7	7.9	25.1	18.1	20.6	22.4	19.7	20.9
	759.35	758.83	759.07	759.08	23.41	15.48	19.88	22.04	17.67	19.86

Barometer, range for month 746.2 –764.6 mm.

,, 50-yr. average for month 760.083 mm.

Thermometer, Range for month 12.9—26.9° C.

,, 50-yr. average for month 18.90° C.

Rain, total for month 25.525 m.m.

,, , 50-yr average for month 55.88 mm.

,, , total, Sept. 1st to end of month 599.72 mm.

,, , 50-yr. average, Sept. 1st to end of month 881.90 mm.

APRIL 1934

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	16.3	17.0	14.8	11.0	12.6	8.4	10.7	60	74	38	57	0.0	
2	15.2	17.8	15.3	10.4	12.7	11.7	11.6	62	66	80	69	3.0	1.27
3	15.6	16.0	13.9	11.3	10.9	10.8	11.0	73	62	84	73	7.0	0.635
4	14.7	17.1	15.1	10.2	12.4	11.9	11.5	65	70	87	74	8.0	
5	17.1	18.2	15.4	12.8	13.2	11.9	12.6	77	69	83	76	8.0	
6	15.7	15.3	13.7	12.1	11.3	10.4	11.3	81	73	79	78	6.0	11.43
7	14.1	17.1	12.7	9.9	12.0	9.4	10.4	67	66	72	68	9.2	
8	15.7	16.7	12.8	11.2	11.7	9.4	10.8	69	66	71	69	7.3	
9	16.1	16.8	15.3	11.9	11.6	11.9	11.8	75	62	84	74	2.5	
10	15.9	18.8	17.3	11.8	14.0	14.3	13.4	75	72	94	80	10.0	
11	18.2	19.7	17.4	13.8	14.7	14.4	14.3	77	71	93	80	11.0	
12	17.4	18.5	15.7	13.8	13.5	12.5	13.3	86	68	89	81	11.0	
13	15.4	16.9	14.7	11.2	11.6	11.4	11.4	73	61	82	72	11.0	2.03
14	17.2	18.7	16.1	12.7	13.7	12.2	12.9	73	69	78	73	11.5	10.16
15	16.5	19.1	16.9	11.4	13.6	13.3	12.8	64	64	84	71	12.0	
16	16.9	18.4	15.7	12.5	13.1	12.4	12.7	73	65	87	75	7.5	
17	16.8	18.9	16.1	13.2	13.7	12.8	13.2	84	67	87	79	11.8	
18	17.0	17.2	13.7	12.2	12.3	11.1	11.9	69	67	90	75	1.0	
19	15.9	18.5	16.2	11.9	13.5	12.4	12.6	77	68	81	75	10.0	
20	16.5	15.6	12.3	11.5	10.0	8.8	10.1	65	53	66	61	11.5	
21	16.2	18.4	15.3	11.3	12.8	12.1	12.1	65	61	87	71	8.5	
22	14.2	18.4	15.5	8.9	12.8	12.1	11.3	52	62	84	66	12.0	
23	17.4	18.6	16.5	13.4	13.3	13.3	13.3	79	66	89	78	12.0	
24	19.8	19.7	18.3	15.6	14.2	14.8	14.9	80	65	87	77	10.0	
25	18.5	20.9	18.8	12.6	16.3	15.6	14.8	58	75	93	75	8.5	
26	20.6	21.6	18.2	15.5	16.0	13.6	15.0	69	65	75	70	12.0	
27	20.1	21.1	17.7	15.9	15.5	14.1	15.2	80	65	86	77	0.0	
28	18.9	20.4	18.9	14.0	15.7	14.9	14.9	70	76	83	76	5.0	
29	18.2	19.7	18.1	13.6	14.1	14.7	14.1	74	65	89	76	7.0	
30	18.3	19.6	17.2	13.9	14.8	12.9	13.9	78	74	75	76	7.0	
	16.88	18.36	15.85	12.38	13.25	12.32	12.66	71.7	66.9	81.9	73.4	8.04	0.8508

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

APRIL 1934

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	8ci	10cu	10cu	9.3	1sw	1sw	2sw	314.1	light	tr. rn. in the morn
2	6ci	2ci	10ni	6.0	2w	1sw	1sw	776.8	slight	
3	1cu	1cu	1cu	1.0	1sw	1s	0	275.8	slight	
4	0	1ci	3ci	1.3	1sw	1sw	0	117.4	light	
5	6cu	1ci	4cu	3.7	0	2s	2w	614.9	„	tr. rn. in the eveng
6	8cu	7cu	9cu	8.0	2sw	2sw	0	696.5	slight	
7	5ci	1ci	2ci	2.7	2sw	2w	0	357.5	„	
8	7cu	4cu	2cu	4.3	1sw	1sw	1s	356.9	light	tr. rn. in the eveng
9	1cu	1cu	0	0.7	1w	1sw	1se	375.1	„	
10	1ci	3ci	0	1.3	1sw	2w	0	138.6	„	
11	0	0	0	0.0	0	1s	0	121.2	calm	hev. d. at night
12	0	0	0	0.0	1sw	1w	0	146.9	„	„ „ morn. & eve.
13	9cu	0	0	3.0	1w	1w	0	130.5	light	dewat night
14	6cicu	1ci	0	2.3	1se	1e	1sw	151.6	„	
15	3ci	0	0	1.0	1w	1w	1s	215.5	„	
16	2ci	6ci	0	2.7	2sw	1w	0	156.4	calm	
17	10cu	0	3ci	4.3	3sw	1sw	0	164.6	light	
18	1cu	10cu	10ni	7.0	2sw	3sw	0	420.3	„	
19	1cu	4cu	6cu	3.7	2sw	3sw	2sw	518.8	slight	tr. rn in the eveng.
20	2cu	1ci	0	1.0	4sw	2nw	1sw	328.3	„	
21	0	1cu	0	0.3	2sw	1sw	1sw	267.4	slight	
22	0	0	0	0.0	2sw	1sw	0	193.3	calm	
23	1cu	0	0	0.3	1sw	1sw	0	113.1	„	
24	3ci	2ci	0	1.7	2sw	1sw	0	141.0	„	dew in the morng.
25	0	4ci	2ci	2.0	0	4nw	1sw	255.6	slight	
26	6ci	10ci	10ci	8.7	2sw	0	0	162.7	light	
27	10cu	10cicu	10cu	10.0	0	1sw	0	153.1	calm	
28	4ci	9cicu	9cu	7.3	2s	1sw	0	147.9	„	tr. rn in the eveng.
29	10cu	2cu	5cu	5.7	1w	1sw	0	119.6	light	
30	10cu	10cu	9cu	9.7	2w	2s	1sw	138.9	slight	
				3.63	1.4	1.4	0.5	269.01		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	1	1	18	6	0	4	30
14:30	0	0	1	0	4	16	5	3	1	30
20:30	0	0	0	1	2	8	1	0	18	30
Totals	0	0	1	2	7	42	12	3	23	90

Number of days with rain 4, fog 0, thunderstorms 0, gale 0.

50-yr. average number of days with rain during month 6.3